



# Office of Civilian Radioactive Waste Management Yucca Mountain Project

## Lessons Learned Program on the Yucca Mountain Site Characterization Project

Presented to:

**Society for Effective Lessons Learned  
Sharing (SELLS)**

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# Yucca Mountain Project Status

- **Site Recommendation**

- Secretarial decision on February 14, 2002
- Presidential recommendation on February 15, 2002

- **License Application**

- If Congressional approval of Yucca Mountain site is received, DOE is required to submit a LA to the U.S. Nuclear Regulatory Commission
- DOE would be a U.S. NRC licensee



# Yucca Mountain Project Lessons Learned Program

- **Licensing requirements**
  - 10 CFR Part 63: *Disposal of high-level radioactive wastes in a proposed geologic repository at Yucca Mountain, Nevada*
  - 10 CFR 50: Rules of Licensing Nuclear Facilities
- **DOE Guidelines**
  - DOE Corporate Lessons Learned Program

# Yucca Mountain Project Lessons Learned Program

- **Lessons Learned Program is key to the licensing process**
  - Provides a means of communicating experiences
  - Based on successful industry practice
  - Improves efficiency
  - Maximizes safety, quality and the use of best practices

# **Yucca Mountain Project Lessons Learned Program**

- **Lessons Learned Program is endorsed by Senior Management through written program policy**
  - **Lessons learned are developed and communicated at local levels**
    - ◆ **Lessons learned locally and from organizations with relevant work experience are factored into local management systems and mechanisms for improving work performance**
- **Lessons Learned program is clearly linked to the Integrated Safety Management System**
  - **Embodies all aspects of work at YMP**

# **Yucca Mountain Project Lessons Learned Program**

- **Provides a means of communicating internal and external experiences**
  - Potentially reduce risk
  - Improve efficiency
  - Enhance cost effectiveness of OCRWM operations
- **Use of Lessons Learned information**
  - Optimize management decision making
  - Interact with other management tools
  - Improve worker performance at all levels

# Yucca Mountain Project Lessons Learned

- **Summary**

- **Use of feedback**
  - ◆ **Motivation for creating and using lessons learned**
  - ◆ **Help improve the quality, usability, or timeliness of the process**
- **Key to DOE's success as an applicant**
- **Implement national policy for permanent disposal of high-level nuclear waste to protect public health and the environment**